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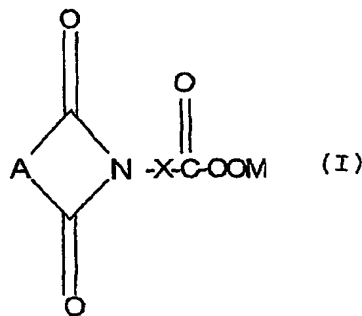
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(54) Title: AQUEOUS FORMULATIONS OF IMIDOALKANEPERCARBOXYLIC ACIDS



(57) Abstract: Liquid formulations of imidoalkanepercarboxylic acids, in the form of aqueous dispersions comprising, in percentages by weight relative to the total weight of the composition: A) from  $\geq 7\%$  to 40% and preferably from 10% to 20% of imidoalkanepercarboxylic acids having the general formula (I), the said imidoalkanepercarboxylic acids being in the  $\beta$  form and having a dissolution time, determined via the test of the rate of dissolution at a temperature of 40°C or 18°C, of not more than 5 minutes when determined at 40°C or 15 minutes when determined at 18°C, for an amount of dissolved acid equal to 99% of the theoretical amount; B) from 0.001 % to 0.9% of a nonionic surfactant; the said dispersions having a viscosity of not more than 2000 mPa.sec at 25°C by applying a shear rate of 20 s<sup>-1</sup>; in which the dissolution time of the component A), determined via the test of the rate of dissolution at a temperature of 40°C or 18°C, is not more than 5 minutes when determined at 40°C or 15 minutes when determined at 18°C, for an amount of dissolved acid equal to 99% of the theoretical amount, as defined in the rate of dissolution

test; the said dispersions in the test of stability at 40°C for seven days show variations in viscosity of not more than 300 mPa.sec; the said aqueous formulations being obtainable by grinding the crystals of imidoalkanepercarboxylic acids in  $\alpha$  form dispersed in an excess of water, in the presence of a surfactant chosen from nonionic surfactants; cooling the liquid dispersion to a temperature below 30°C.



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